

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A frequency searching method comprising:

receiving system information from a ~~network~~ Radio Resource Control of a UMTS Terrestrial Radio Access Network;

obtaining a frequency of each service vendor from the received system information, each of the obtained frequencies corresponding to a frequency band of use for respective service vendors; and

performing a cell search about the obtained frequency of one service vendor based on the obtained frequency of the one service vendor.

2. (Currently Amended) The method of claim 1, wherein the system information is received by a mobile communication terminal from the ~~network~~ Radio Resource Control of the UMTS Terrestrial Radio Access Network.

3. (Canceled)

4. (Previously Presented) The method of claim 1, further comprising storing the frequency of each service vendor in memory of user equipment.

5. (Original) The method of claim 1, wherein receiving the system information comprises receiving the system information in a system information block.

6. (Previously Presented) The method of claim 5, further comprising transmitting the system information block including the frequency of each service vendor.

7. (Currently Amended) The method of claim 1, wherein the system information is received from the ~~network Radio Resource Control of the UMTS Terrestrial Radio Access Network~~ through a broadcast control channel.

8. (Previously Presented) The method of claim 1, further comprising:
performing a cell search by frequency bands when a requested frequency is not found when performing the cell search about the obtained frequency of the one service vendor.

9. (Currently Amended) The method of claim 1, further comprising:
updating stored frequencies based on the received system information from the ~~network Radio Resource Control of the UMTS Terrestrial Radio Access Network~~.

10. (Currently Amended) A frequency searching method comprising:
 - receiving frequency data of a plurality of service vendors from a Radio Resource Control of a UMTS Terrestrial Radio Access Network, the received frequency data relating to frequency bands of use for each of the service vendors;
 - storing the received frequency data in user equipment;
 - performing a cell search about a stored frequency of at least one service vendor in a frequency search; and
 - performing another cell search by frequency bands when a frequency is not found in the stored frequencies ~~for frequency of~~ the at least one service vendor.
11. (Original) The method of claim 10, wherein the user equipment comprises a mobile communication terminal.
12. (Previously Presented) The method of claim 10, further comprising transmitting the frequency from the network using a system information block.
13. (Original) The method of claim 12, wherein the system information block is transmitted through a broadcast control channel.
14. (Canceled)

15. (Original) The method of claim 10, further comprising:
 updating stored frequencies based on received system information from the network.

16. (Currently Amended) A mobile communication apparatus comprising:
 a receiving device to receive system information from a Radio Resource Control of a UMTS Terrestrial Radio Access Network;
 a memory to store frequency information regarding service vendors; and
 a processing device to obtain a frequency of a particular service vendor from the memory, wherein the processing device performs a cell search about the obtained frequency when searching the frequency information stored in the memory, the cell search being based on the received system information, the processing device further performing another cell search about other frequencies when a frequency is not found during the cell search about the stored frequency information for a particular service vendor.

17. (Previously Presented) The apparatus of claim 16, wherein the system information comprises frequency information of service vendors.

18. (Canceled)

Serial No. **10/743,296**
Reply to Office Action dated November 6, 2006

Docket No. **P-0611**

19. (Original) The apparatus of claim 16, wherein the receiving device receives the system information in a system information block.

20. (Currently Amended) The apparatus of claim 16, wherein the receiving device receives the system information from ~~a~~the network through a broadcast control channel.

21. (Canceled)

22. (Original) The apparatus of claim 16, wherein the processing device updates stored frequencies in the memory based on received system information from the network.

23-24. (Canceled)